

ABSTRACT OF THE INVENTION

The present invention expedites cross polarization of a polarized signal from a transmitter such as a satellite. According to one method, an antenna is oriented to point to a first window to communicate with a first satellite. The antenna is peaked to find a first vector for maximum signal strength. The antenna is then oriented to point to a second window to communicate with a second satellite, and peaked to find a second vector for maximum signal strength. The first and second vectors are manipulated to obtain a third vector extending between the first and second satellites, and the appropriate skew angle for cross polarization of the antenna is derived from the third vector. Alternatively, the antenna may have two LNB's to permit peaking of the first and second satellites simultaneously. When both satellites are peaked, the antenna will automatically be disposed at the proper skew angle for cross polarization.

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